

# ABSTRACT

In a non-aqueous electrolyte secondary battery provided with a positive electrode, a negative electrode using carbon material as negative electrode active material, and a non-aqueous electrolyte solution, the non-aqueous electrolyte solution contains at least a saturated cyclic carbonic ester and a cyclic carbonic ester having C=C double bond where an amount of the cyclic carbonic ester having C=C double bond is in a range of  $1.0 \times 10^{-8}$  to  $13.0 \times 10^{-5}$  g per negative electrode capacity of 1 mAh.